

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Glenn A. Rinne

Serial No.: 10/008,466

November 9, 2001

Group Art Unit:1733

Examiner: not yet assigned

For: METHODS OF POSITIONING COMPONENTS USING LIQUID PRIME MOVERS

AND RELATED STRUCTURES

Date: May 24, 2002

Commissioner for Patents Washington, DC 20231

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Filed:

Attached is a form PTO-1449, together with a copy of the identified document(s). This Information Disclosure Statement is submitted in accordance with 37 C.F.R. § 1.97(b), within three months of the filing date of the above-referenced application or before the mailing of a first Office Action on the merits, whichever event occurs last. Accordingly, no fee is required. The Commissioner is authorized to charge any additional fee, or credit any refund, to our Deposit Account No. 50-0220.

Respectfully submitted,

Scott Č. Hatfield

Registration No. 28,176

USPTO Customer No. 20792 Myers Bigel Sibley & Sajovec Post Office Box 37428 Raleigh, North Carolina 27627 Telephone (919) 854-1400 Facsimile (919) 854-1401

Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Commissioner for Patents Washington, DC 20231

on May 24, 2002

Signature:

Typed or Printed Name of Person Signing Certificate: Joyce Paoli

Date of Signature: May 24, 2002

Substitute	10m 14	49AP 1	,			l <u></u>	C	complete if Know	n		-
					10	Application Numbe		10/008,466			
INFORMATION DISCLOSURE O P						Filing Date					
			PLICANT	/	~ `	First Named Invent	or	November 9, 2 Glenn A. Rinn			
mail	·-··		/	IIIN N	 	Group Art Unit		1733			
(use as ma	anv she	ets as ne	cessarv)	3077 0	5 2002	Examiner Name	· · · · · · · · · · · · · · · · · · ·				
Sheet	1		of				ımber	9180-9			
<u> </u>	<u> </u>			12		SI Audiney Docker No	ilinei	1 9100-9			
			· · · · · · · · · · · · · · · · · · ·	(TPA	COLLEGE	PATENT DOCUMENT Name of Patentee or Ap of Cited Document	re				
Examiner	Cite N		II S Paton	t Docume	DEWINO.S.	Name of Patentee or Ap	alicant	Data of Dublication	6	Decree Col	
l.htials*	Cite No.		U.S. Patent Docur			of Cited Document	piicant	Date of Publication of Cited Document MM-DD-YYYY		Pages, Columns, Lines Where Relevant Passage or Relevant Figures Appear	
l.guais"	1		Number		COGE	of Cited Document					
	 				own)						
	ļ		· · · · · · · · · · · · · · · · · · ·								
	ļ					J/4.	112				
	<u> </u>					ON 7		^			
	<u> </u>					70 2	20)			
							702				
	1					7>	, ,			··	
	Î						17				
	1										
	†										
	 					··· · · · · · · · · · · · · · · · · ·		<u> </u>			
	+			+				Op_	 i-		
	 						~~~×5	GODY OF PAPERS			
							<u> </u>	TINA, PA			
								YYNED			
								Now or			
								1.0			
					-		Ī				
	1										
		İ						•			
	-										
					FOREIG	EN DATENT DOCUME	NTC				
Examiner	Cite		Foreign Patr	ent Docum		SN PATENT DOCUME		Date of Publication	Page	S. Columna Line	
Examiner	Cite No.		Foreign Pate		nent	Name of Patentee	or [Date of Publication		es, Columns, Lines Vhere Relevant	,] 1
		Office	Foreign Pate		nent Kind Cod	Name of Patentee Applicant of Cite	or [of Cited Document	V Pass	Vhere Relevant sages or Relevant	- 1
	No.	Office	Numb	per	nent	Name of Patentee Applicant of Cite Document	or E	of Cited Document MM-DD-YYYY	V Pass	Vhere Relevant	- 1
	No.	Office	Numb EP 093958	B3A2	nent Kind Cod	Name of Patentee Applicant of Cite Document EPO	or E	of Cited Document MM-DD-YYYY 19/01/1999	V Pass	Vhere Relevant sages or Relevant	- 1
	No.	Office	Numb EP 093958 0 595 343	33A2 A2	nent Kind Cod	Name of Patentee Applicant of Cite Document EPO EPO	or E d c	of Cited Document MM-DD-YYYY 19/01/1999 15/04/1994	V Pass	Vhere Relevant sages or Relevant	- 1
	No.	Office	Numb EP 093958	33A2 A2	nent Kind Cod	Name of Patentee Applicant of Cite Document EPO	or E d c	of Cited Document MM-DD-YYYY 19/01/1999	V Pass	Vhere Relevant sages or Relevant	- 1
	No.	Office	Numb EP 093958 0 595 343	33A2 A2	nent Kind Cod	Name of Patentee Applicant of Cite Document EPO EPO	or E d c	of Cited Document MM-DD-YYYY 19/01/1999 15/04/1994	V Pass	Vhere Relevant sages or Relevant	- 1
	No.	Office	Numb EP 093958 0 595 343	33A2 A2	nent Kind Cod	Name of Patentee Applicant of Cite Document EPO EPO	or E d c	of Cited Document MM-DD-YYYY 19/01/1999 15/04/1994	V Pass	Vhere Relevant sages or Relevant	- 1
	No.	Office	Numb EP 093958 0 595 343	33A2 A2	nent Kind Cod	Name of Patentee Applicant of Cite Document EPO EPO	or E d c	of Cited Document MM-DD-YYYY 19/01/1999 15/04/1994	V Pass	Vhere Relevant sages or Relevant	- 1
	No.	Office	Numb EP 093958 0 595 343	33A2 A2	nent Kind Cod	Name of Patentee Applicant of Cite Document EPO EPO	or E d c	of Cited Document MM-DD-YYYY 19/01/1999 15/04/1994	V Pass	Vhere Relevant sages or Relevant	- 1
	No.	Office	Numb EP 093958 0 595 343	33A2 A2	nent Kind Cod	Name of Patentee Applicant of Cite Document EPO EPO	or E d c	of Cited Document MM-DD-YYYY 19/01/1999 15/04/1994	V Pass	Vhere Relevant sages or Relevant	- 1
	No.	Office	Numb EP 093958 0 595 343	33A2 A2	nent Kind Cod	Name of Patentee Applicant of Cite Document EPO EPO	or E d c	of Cited Document MM-DD-YYYY 19/01/1999 15/04/1994	V Pass	Vhere Relevant sages or Relevant	- 1
	No.	Office	Numb EP 093958 0 595 343	33A2 A2	nent Kind Cod	Name of Patentee Applicant of Cite Document EPO EPO	or E d c	of Cited Document MM-DD-YYYY 19/01/1999 15/04/1994	V Pass	Vhere Relevant sages or Relevant	- 1
	No.	Office	Numb EP 093958 0 595 343	33A2 A2	nent Kind Cod	Name of Patentee Applicant of Cite Document EPO EPO	or E d c	of Cited Document MM-DD-YYYY 19/01/1999 15/04/1994	V Pass	Vhere Relevant sages or Relevant	- 1
	No.	Office	Numb EP 093958 0 595 343	33A2 A2	nent Kind Cod	Name of Patentee Applicant of Cite Document EPO EPO	or E d c	of Cited Document MM-DD-YYYY 19/01/1999 15/04/1994	V Pass	Vhere Relevant sages or Relevant	- 1
	No.	Office	Numb EP 093958 0 595 343	33A2 A2	nent Kind Cod	Name of Patentee Applicant of Cite Document EPO EPO	or E d c	of Cited Document MM-DD-YYYY 19/01/1999 15/04/1994	V Pass	Vhere Relevant sages or Relevant	- 1
	No.	Office	Numb EP 093958 0 595 343 WO 98/539	946	Nent Kind Cod (if known	Name of Patentee Applicant of Cite Document EPO EPO PCT	0 0 0 0 1 1	of Cited Document MM-DD-YYYY 19/01/1999 15/04/1994 2/03/1998	V Pass	Vhere Relevant sages or Relevant	- 1
	No.		Numb EP 093958 0 595 343 WO 98/539	946 R PRIOR	Kind Cod (if known	Name of Patentee Applicant of Cite Document EPO EPO PCT ON PATENT LITERAT	0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	of Cited Document MM-DD-YYYY 19/01/1999 15/04/1994 2/03/1998	W Pass	Vhere Relevant sages or Relevant igures Appear	- 1
	No.	Include	Numb EP 093958 0 595 343 WO 98/539	R PRIOR	Kind Cod (if known	Name of Patentee Applicant of Cite Document EPO EPO PCT ON PATENT LITERAT ERS), title of the article (when	or C C C C C C C C C C C C C C C C C C C	DCUMENTS e), title of the item (book	W Pass F	Vhere Relevant sages or Relevant sages or Relevant igures Appear	
Initials*	No. 1. 2. 3.	Include	Numb EP 093958 0 595 343 WO 98/539	R PRIOR	Kind Cod (if known	Name of Patentee Applicant of Cite Document EPO EPO PCT ON PATENT LITERAT	or C C C C C C C C C C C C C C C C C C C	DCUMENTS e), title of the item (book	W Pass F	Vhere Relevant sages or Relevant sages or Relevant igures Appear	- 1
Examiner	No. 1. 2. 3. Cite No.	Include serial, sy	P 093958 0 595 343 WO 98/539 OTHE name of the aut mposium, catal	R PRIOR hor (in CAPog, etc.), di	Kind Cod (if known	Name of Patentee Applicant of Cite Document EPO EPO PCT ON PATENT LITERAT ERS), title of the article (when, volume-issue number(s), put	or C C C C C C C C C C C C C C C C C C C	of Cited Document MM-DD-YYYY 19/01/1999 15/04/1994 2/03/1998 DCUMENTS e), title of the item (book and/or country where p	W Pass F	Vhere Relevant sages or Relevant sages or Relevant sigures Appear	
Examiner	No. 1. 2. 3. 3. Cite	Include serial, sy	P 093958 0 595 343 WO 98/539 OTHE name of the aut mposium, catal	R PRIOR hor (in CAPog, etc.), di	Kind Cod (if known	Name of Patentee Applicant of Cite Document EPO EPO PCT ON PATENT LITERAT ERS), title of the article (when	or C C C C C C C C C C C C C C C C C C C	of Cited Document MM-DD-YYYY 19/01/1999 15/04/1994 2/03/1998 DCUMENTS e), title of the item (book and/or country where p	W Pass F	Vhere Relevant sages or Relevant sages or Relevant sigures Appear	
Initials*	No. 1. 2. 3. Cite No.	Include serial, sy	P 093958 0 595 343 WO 98/539 OTHE name of the aut mposium, catal	R PRIOR hor (in CAPog, etc.), di	Kind Cod (if known	Name of Patentee Applicant of Cite Document EPO EPO PCT ON PATENT LITERAT ERS), title of the article (when, volume-issue number(s), put	or C C C C C C C C C C C C C C C C C C C	of Cited Document MM-DD-YYYY 19/01/1999 15/04/1994 2/03/1998 DCUMENTS e), title of the item (book and/or country where p	W Pass F	Vhere Relevant sages or Relevant sages or Relevant sigures Appear	
Initials*	No. 1. 2. 3. Cite No.	Include serial, sy	P 093958 0 595 343 WO 98/539 OTHE name of the aut mposium, catal	R PRIOR hor (in CAPog, etc.), di	Kind Cod (if known	Name of Patentee Applicant of Cite Document EPO EPO PCT ON PATENT LITERAT ERS), title of the article (when, volume-issue number(s), put	or C C C C C C C C C C C C C C C C C C C	of Cited Document MM-DD-YYYY 19/01/1999 15/04/1994 2/03/1998 DCUMENTS e), title of the item (book and/or country where p	W Pass F	Vhere Relevant sages or Relevant sages or Relevant sigures Appear	
Initials*	No. 1. 2. 3. Cite No.	Include serial, sy	P 093958 0 595 343 WO 98/539 OTHE name of the aut mposium, catal	R PRIOR hor (in CAPog, etc.), di	Kind Cod (if known	Name of Patentee Applicant of Cite Document EPO EPO PCT ON PATENT LITERAT ERS), title of the article (when, volume-issue number(s), put	or C C C C C C C C C C C C C C C C C C C	of Cited Document MM-DD-YYYY 19/01/1999 15/04/1994 2/03/1998 DCUMENTS e), title of the item (book and/or country where p	W Pass F	Vhere Relevant sages or Relevant sages or Relevant sigures Appear	
Initials*	No. 1. 2. 3. Cite No.	Include serial, sy	P 093958 0 595 343 WO 98/539 OTHE name of the aut mposium, catal	R PRIOR hor (in CAPog, etc.), di	Kind Cod (if known	Name of Patentee Applicant of Cite Document EPO EPO PCT ON PATENT LITERAT ERS), title of the article (when, volume-issue number(s), put	or C C C C C C C C C C C C C C C C C C C	of Cited Document MM-DD-YYYY 19/01/1999 15/04/1994 2/03/1998 DCUMENTS e), title of the item (book and/or country where p	W Pass F	Vhere Relevant sages or Relevant sages or Relevant sigures Appear	
Initials*	No. 1. 2. 3. Cite No.	Include serial, sy	P 093958 0 595 343 WO 98/539 OTHE name of the aut mposium, catal	R PRIOR hor (in CAPog, etc.), di	Kind Cod (if known	Name of Patentee Applicant of Cite Document EPO EPO PCT ON PATENT LITERAT ERS), title of the article (when, volume-issue number(s), put	or C C C C C C C C C C C C C C C C C C C	of Cited Document MM-DD-YYYY 19/01/1999 15/04/1994 2/03/1998 DCUMENTS e), title of the item (book and/or country where p	W Pass F	Vhere Relevant sages or Relevant sages or Relevant sigures Appear	
Examiner	No. 1. 2. 3. Cite No.	Include serial, sy	P 093958 0 595 343 WO 98/539 OTHE name of the aut mposium, catal	R PRIOR hor (in CAPog, etc.), di	Kind Cod (if known	Name of Patentee Applicant of Cite Document EPO EPO PCT ON PATENT LITERAT ERS), title of the article (when, volume-issue number(s), put	or C C C C C C C C C C C C C C C C C C C	of Cited Document MM-DD-YYYY 19/01/1999 15/04/1994 2/03/1998 DCUMENTS e), title of the item (book and/or country where p	W Pass F	Vhere Relevant sages or Relevant sages or Relevant sigures Appear	
Initials*	No. 1. 2. 3. Cite No.	Include serial, sy	P 093958 0 595 343 WO 98/539 OTHE name of the aut mposium, catal	R PRIOR hor (in CAPog, etc.), di	Kind Cod (if known	Name of Patentee Applicant of Cite Document EPO EPO PCT ON PATENT LITERAT ERS), title of the article (when, volume-issue number(s), put	or C C C C C C C C C C C C C C C C C C C	of Cited Document MM-DD-YYYY 19/01/1999 15/04/1994 2/03/1998 DCUMENTS e), title of the item (book and/or country where p	W Pass F	Vhere Relevant sages or Relevant sages or Relevant sigures Appear	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Date Considered

Examiner Signature

Annex to Form PCT/ISA/206 COMMUNICATION RELATING TO THE RESULTS OF THE PARTIAL INTERNATIONAL SEARCH

International Application No PCT/US 01/47517

- 1. The present communication is an Annex to the invitation to pay additional fees (Form PCT/ISA/206). It shows the results of the international search established on the parts of the international application which relate to the invention first mentioned in claims Nos.:
- see 'Invitation to pay additional fees'
 2. This communication is not the international search report which will be established according to Article 18 and Rule 43.
- 3.If the applicant does not pay any additional search fees, the information appearing in this communication will be considered as the result of the international search and will be included as such in the international search report.
- 4.If the applicant pays additional fees, the international search report will contain both the information appearing in this communication and the results of the international search on other parts of the international application for which such fees will have been paid.

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 939 583 A (RESMA GMBH) 1 September 1999 (1999-09-01) column 6, paragraph 3 -column 8, paragraph 1; figures 1,2	1-4,12, 19,25
Υ .	EP 0 595 343 A (SHOWA DENKO K.K.) 4 May 1994 (1994-05-04) claims 1,9	1-4,12, 19,25
A	WO 98 53946 A (MYDATA AUTOMATION AB) 3 December 1998 (1998-12-03) claims 1,3,13; figures 1,2	9,10,13
,		

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Patent Family Annex

Information on patent family members

International Application No
PCT/US 01/47517

Patent document cited in search report		Publication date		Patent family member(s)	Publication date	
EP 0939583	Α	01-09-1999	DE EP	19808171 A1 0939583 A2	02-09-1999 01-09-1999	
EP 0595343	A	04-05-1994	JP JP CA DE DE US US US	2592757 B2 7007244 A 2109462 A1 69317033 D1 69317033 T2 0595343 A2 5556023 A 5713997 A 5928440 A 5750271 A 2001020744 A1	19-03-1997 10-01-1995 01-05-1994 26-03-1998 20-08-1998 04-05-1994 17-09-1996 03-02-1998 27-07-1999 12-05-1998 13-09-2001	
WO 9853946	A	03-12-1998	SE AU SE WO	515672 C2 7682998 A 9701981 A 9853946 A1	24-09-2001 30-12-1998 28-11-1998 03-12-1998	